

WEST Search History

DATE: Tuesday, January 07, 2003

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT; PLUR=YES; OP=ADJ

L24	L23 and steroid	41	L24
L23	hair adj color	1059	L23
L22	L20 not L21	7	L22
L21	L20 and (stimulating adj hormone)	18	L21
L20	melanocyte and (DHEA or pregnenolone or androstenedione)	25	L20
L19	melanocyte and alopecia	34	L19
L18	alopecia and canities	4	L18
L17	L16 and color	0	L17
L16	L15 and DHEA	1	L16
L15	6030948	1	L15

DB=DWPI; PLUR=YES; OP=ADJ

L14	2777181	3	L14
-----	---------	---	-----

DB=USPT; PLUR=YES; OP=ADJ

L13	L11 and (DHEA or pregnenolone)	23	L13
L12	L11 near10 (DHEA or pregnenolone)	0	L12
L11	melanocyte	1883	L11
L10	L9 and (steroid or hormone or DHEA)	9	L10
L9	canities	17	L9
L8	6335023	2	L8
L7	freckle or lentigo or lentigines or melasma or hyperpigmentation	871	L7
L6	L5[pn]	1	L6
L5	3856934	24	L5
L4	4046886[pn]	1	L4
L3	4131650	12	L3
L2	3627871	16	L2
L1	4474763	20	L1

END OF SEARCH HISTORY

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1621MXW

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 16:33:49 ON 07 JAN 2003
FILE 'REGISTRY' ENTERED AT 16:33:49 ON 07 JAN 2003
COPYRIGHT (C) 2003 American Chemical Society (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.40	0.61

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.40	0.61

FILE 'REGISTRY' ENTERED AT 16:34:00 ON 07 JAN 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 6 JAN 2003 HIGHEST RN 478238-10-7
DICTIONARY FILE UPDATES: 6 JAN 2003 HIGHEST RN 478238-10-7

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNnote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> e hydroxypregnenolone

E1	1	HYDROXYPREGNENE/BI
E2	33	HYDROXYPREGNENOL/BI
E3	33 -->	HYDROXYPREGNENOLONE/BI
E4	1	HYDROXYPREGNENON/BI
E5	1	HYDROXYPREGNENONE/BI
E6	1	HYDROXYPREHNIT/BI
E7	1	HYDROXYPREHNITENE/BI
E8	1	HYDROXPREN/BI
E9	1	HYDROXPRENANE/BI
E10	1	HYDROXPRENYL/BI
E11	1	HYDROXPRENYLAMINE/BI
E12	1	HYDROXPREP/BI

=> d e3

NO L# DEFINED

=> e3

E3 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

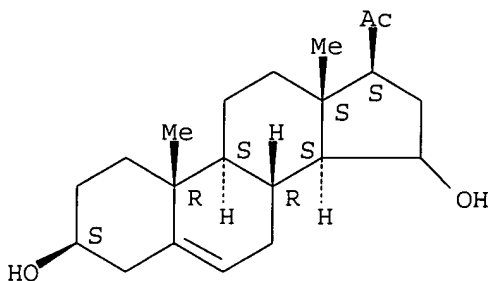
=> s e3

L1 33 HYDROXYPREGNENOLONE/BI

=> d L1 1-5

L1 ANSWER 1 OF 33 REGISTRY COPYRIGHT 2003 ACS
RN 335317-13-0 REGISTRY
CN Pregn-5-en-20-one, 3,15-dihydroxy-, (3.beta.)- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN **15.xi.-Hydroxypregnenolone**
FS STEREOSEARCH
MF C21 H32 O3
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

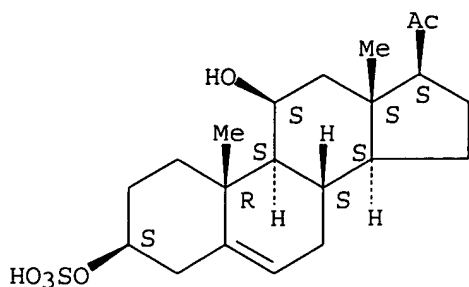


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L1 ANSWER 2 OF 33 REGISTRY COPYRIGHT 2003 ACS
RN 159735-67-8 REGISTRY
CN Pregn-5-en-20-one, 11-hydroxy-3-(sulfooxy)-, (3.beta.,11.beta.)- (9CI)
(CA INDEX NAME)
OTHER NAMES:
CN **11.beta.-Hydroxypregnenolone 3-sulfate**
FS STEREOSEARCH
MF C21 H32 O6 S
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6 REFERENCES IN FILE CA (1962 TO DATE)
6 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L1 ANSWER 3 OF 33 REGISTRY COPYRIGHT 2003 ACS
RN 88378-34-1 REGISTRY
CN Pregn-5-en-20-one, 3-hydroxy-21-(sulfooxy)-, (3.beta.)- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN **21-Hydroxypregnenolone 21-sulfate**

FS STEREOSEARCH

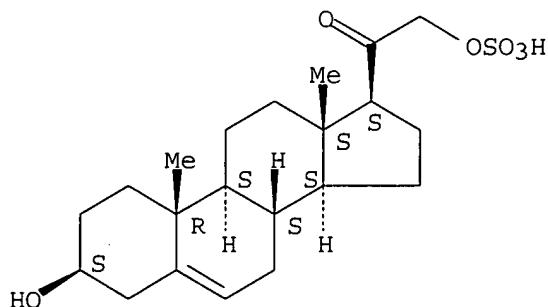
MF C21 H32 O6 S

CI COM

LC STN Files: BEILSTEIN*, CA, CAPLUS

(*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1962 TO DATE)
3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

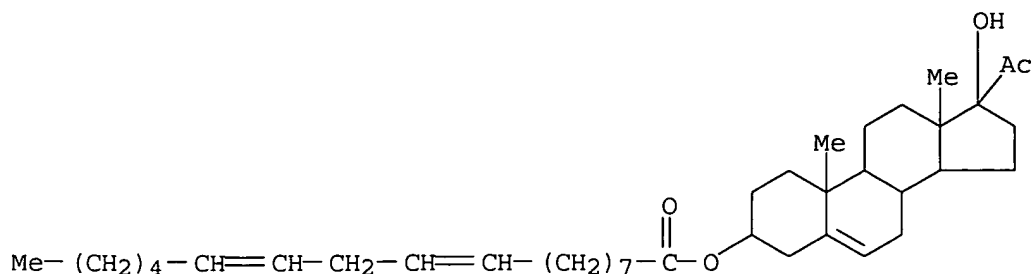
L1 ANSWER 4 OF 33 REGISTRY COPYRIGHT 2003 ACS
RN 73646-87-4 REGISTRY
CN Pregn-5-en-20-one, 17-hydroxy-3-[(1-oxo-9,12-octadecadienyl)oxy]-, [3.beta.(9Z,12Z)]- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN **17-Hydroxypregnenolone linoleate**

MF C39 H62 O4

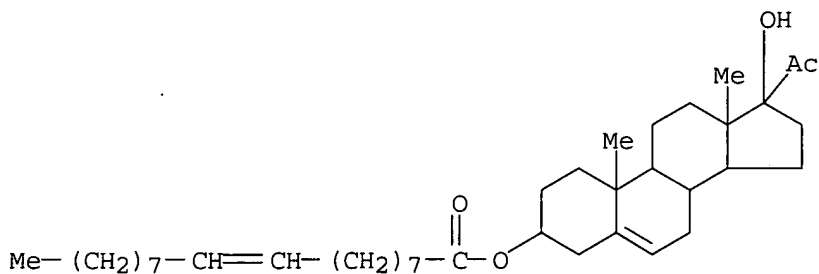
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L1 ANSWER 5 OF 33 REGISTRY COPYRIGHT 2003 ACS
RN 73646-86-3 REGISTRY
CN Pregn-5-en-20-one, 17-hydroxy-3-[(1-oxo-9-octadecenyl)oxy]-, [3.beta.(Z)]-(9CI) (CA INDEX NAME)
OTHER NAMES:
CN **17-Hydroxypregnenolone oleate**
MF C39 H64 O4
LC STN Files: CA, CAPLUS



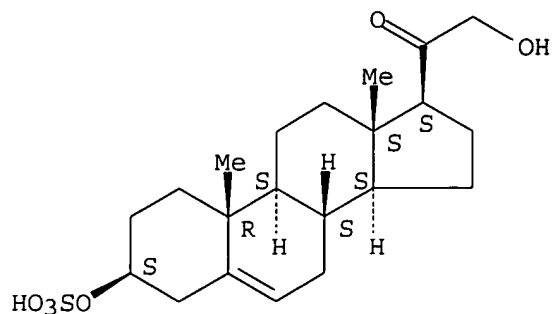
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> d L1 6-10

L1 ANSWER 6 OF 33 REGISTRY COPYRIGHT 2003 ACS
RN 60530-37-2 REGISTRY
CN Pregn-5-en-20-one, 21-hydroxy-3-(sulfooxy)-, (3.beta.)-(9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Pregn-5-en-20-one, 3.beta.,21-dihydroxy-, 3-(hydrogen sulfate) (7CI)
OTHER NAMES:
CN **21-Hydroxypregnenolone 3-sulfate**
FS STEREOSEARCH
MF C21 H32 O6 S
CI COM
LC STN Files: BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS
(*File contains numerically searchable property data)

Absolute stereochemistry.

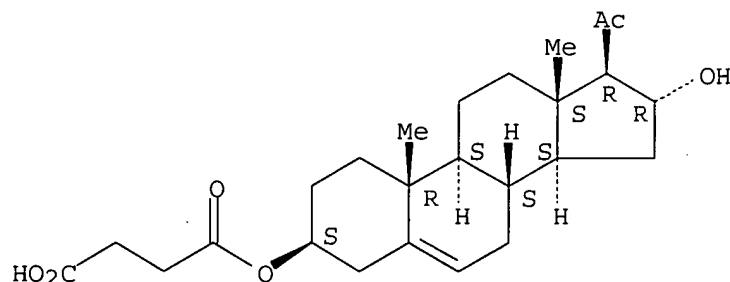


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1962 TO DATE)
4 REFERENCES IN FILE CAPLUS (1962 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L1 ANSWER 7 OF 33 REGISTRY COPYRIGHT 2003 ACS
RN 57817-90-0 REGISTRY
CN Pregn-5-en-20-one, 3-(3-carboxy-1-oxopropoxy)-16-hydroxy-,
(3.beta.,16.alpha.)- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN **16.alpha.-Hydroxypregnenolone-3-succinate**
FS STEREOSEARCH
MF C25 H36 O6
LC STN Files: BEILSTEIN*, CA, CAPLUS, NAPRALERT, TOXCENTER
(*File contains numerically searchable property data)

Absolute stereochemistry.

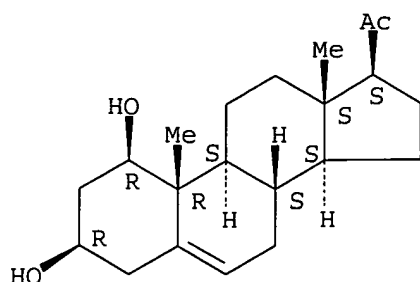


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1962 TO DATE)
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L1 ANSWER 8 OF 33 REGISTRY COPYRIGHT 2003 ACS
RN 57670-43-6 REGISTRY
CN Pregn-5-en-20-one, 1,3-dihydroxy-, (1.beta.,3.beta.)- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN **1.beta.-Hydroxypregnenolone**
FS STEREOSEARCH
MF C21 H32 O3
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)

Absolute stereochemistry.

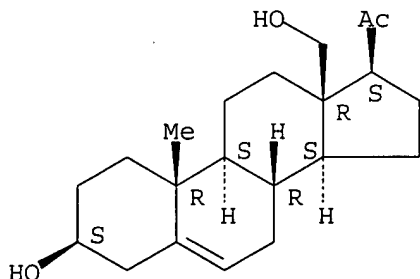


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L1 ANSWER 9 OF 33 REGISTRY COPYRIGHT 2003 ACS
RN 51783-01-8 REGISTRY
CN Pregn-5-en-20-one, 3,18-dihydroxy-, (3.beta.)- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN **18-Hydroxypregnenolone**
FS STEREOSEARCH
MF C21 H32 O3
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

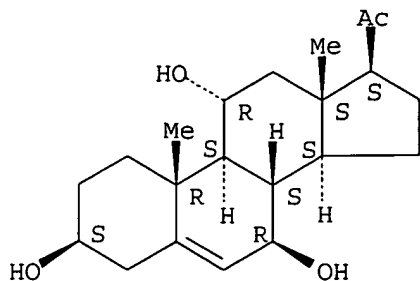


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1962 TO DATE)
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L1 ANSWER 10 OF 33 REGISTRY COPYRIGHT 2003 ACS
RN 50888-40-9 REGISTRY
CN Pregn-5-en-20-one, 3,7,11-trihydroxy-, (3.beta.,7.beta.,11.alpha.)- (9CI)
(CA INDEX NAME)
OTHER NAMES:
CN 3.beta.,7.beta.,11.alpha.-Trihydroxypregn-5-en-20-one
CN **7.beta.,11.alpha.-Dihydroxypregnenolone**
FS STEREOSEARCH
MF C21 H32 O4
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)

Absolute stereochemistry.



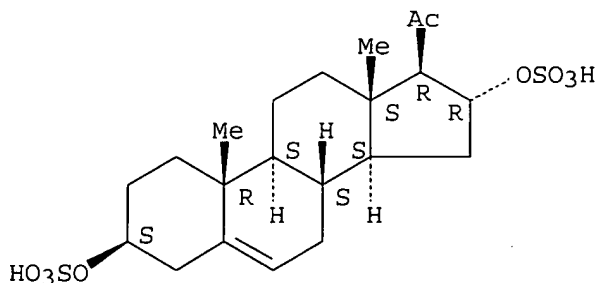
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1962 TO DATE)
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> d L1 11-15

L1 ANSWER 11 OF 33 REGISTRY COPYRIGHT 2003 ACS
RN 33256-48-3 REGISTRY
CN Pregn-5-en-20-one, 3,16-bis(sulfooxy)-, (3.beta.,16.alpha.)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Pregn-5-en-20-one, 3.beta.,16.alpha.-dihydroxy-, bis(hydrogen sulfate) (8CI)
OTHER NAMES:
CN **16.alpha.-Hydroxypregnenolone disulfate**
FS STEREOSEARCH
DR 40248-19-9
MF C21 H32 O9 S2
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1962 TO DATE)
5 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L1 ANSWER 12 OF 33 REGISTRY COPYRIGHT 2003 ACS
RN 30626-97-2 REGISTRY
CN Pregn-5-en-20-one, 3,7-dihydroxy-, (3.beta.,7.beta.)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Pregn-5-en-20-one, 3.beta.,7.beta.-dihydroxy- (8CI)

OTHER NAMES:

CN 3.beta.,7.beta.-Dihydroxy-5-pregnen-20-one

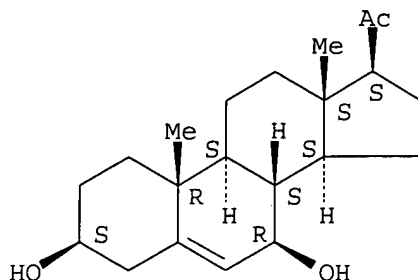
CN **7.beta.-Hydroxypregnenolone**

FS STEREOSEARCH

MF C21 H32 O3

LC STN Files: BEILSTEIN*, CA, CAPLUS, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

11 REFERENCES IN FILE CA (1962 TO DATE)

11 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L1 ANSWER 13 OF 33 REGISTRY COPYRIGHT 2003 ACS

RN 30626-96-1 REGISTRY

CN Pregn-5-en-20-one, 3,7-dihydroxy-, (3.beta.,7.alpha.)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Pregn-5-en-20-one, 3.beta.,7.alpha.-dihydroxy- (8CI)

OTHER NAMES:

CN 3.beta.,7.alpha.-Dihydroxy-5-pregnen-20-one

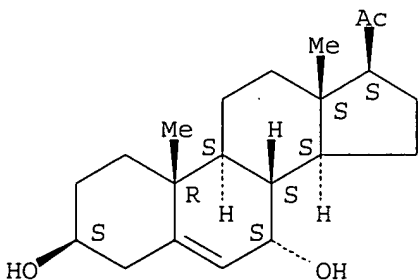
CN **7.alpha.-Hydroxypregnenolone**

FS STEREOSEARCH

MF C21 H32 O3

LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

28 REFERENCES IN FILE CA (1962 TO DATE)

28 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L1 ANSWER 14 OF 33 REGISTRY COPYRIGHT 2003 ACS

RN 30209-14-4 REGISTRY
CN Pregn-5-en-20-one, 3,21-dihydroxy-, mono(hydrogen sulfate), (3.beta.)-(9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Pregn-5-en-20-one, 3.beta.,21-dihydroxy-, hydrogen sulfate (7CI)

OTHER NAMES:

CN **21-Hydroxypregnenolone monosulfate**

FS STEREOSEARCH

MF C21 H32 O6 S

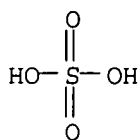
CI IDS

LC STN Files: CA, CAOLD, CAPLUS

CM 1

CRN 7664-93-9

CMF H2 O4 S

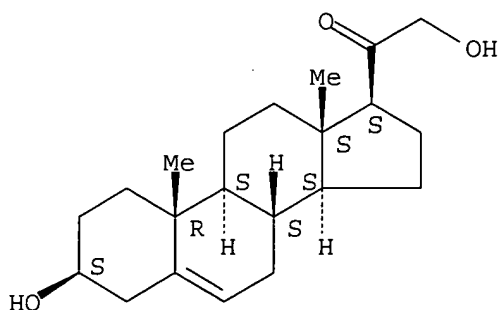


CM 2

CRN 1164-98-3

CMF C21 H32 O3

Absolute stereochemistry.



3 REFERENCES IN FILE CA (1962 TO DATE)
3 REFERENCES IN FILE CAPLUS (1962 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L1 ANSWER 15 OF 33 REGISTRY COPYRIGHT 2003 ACS

RN 28901-70-4 REGISTRY

CN Pregn-5-en-20-one, 3,17-dihydroxy-, mono(hydrogen sulfate), (3.beta.)-(9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Pregn-5-en-20-one, 3.beta.,17-dihydroxy-, mono(hydrogen sulfate) (8CI)

OTHER NAMES:

CN **17-Hydroxypregnenolone monosulfate**

CN **17.alpha.-Hydroxypregnenolone monosulfate**

CN **17.alpha.-Hydroxypregnenolone sulfate**

FS STEREOSEARCH

MF C21 H32 O6 S

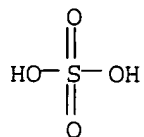
CI IDS, COM

LC STN Files: CA, CAPLUS, MEDLINE, TOXCENTER, USPAT2, USPATFULL

CM 1

CRN 7664-93-9

CMF H2 O4 S

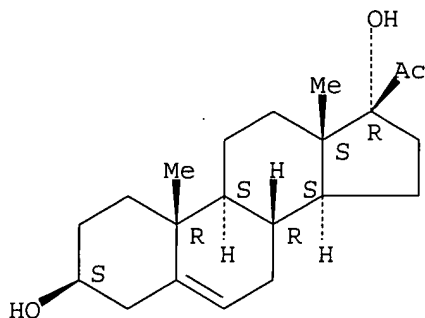


CM 2

CRN 387-79-1

CMF C21 H32 O3

Absolute stereochemistry.



33 REFERENCES IN FILE CA (1962 TO DATE)

33 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> e dihydroxyandro

E1	1	DIHYDROXYANDIROBI/BI
E2	1	DIHYDROXYANDIROBIN/BI
E3	203 -->	DIHYDROXYANDROST/BI
E4	33	DIHYDROXYANDROSTA/BI
E5	207	DIHYDROXYANDROSTAN/BI
E6	16	DIHYDROXYANDROSTANE/BI
E7	1	DIHYDROXYANDROSTER/BI
E8	1	DIHYDROXYANDROSTERONE/BI
E9	1	DIHYDROXYANIGORUF/BI
E10	1	DIHYDROXYANIGORUFONE/BI
E11	1	DIHYDROXYANILIN/BI
E12	13	DIHYDROXYANILINE/BI

=> e dihydroxyandrostone

E1	207	DIHYDROXYANDROSTAN/BI
E2	16	DIHYDROXYANDROSTANE/BI
E3	0 -->	DIHYDROXYANDROSTONE/BI
E4	1	DIHYDROXYANDROSTER/BI
E5	1	DIHYDROXYANDROSTERONE/BI
E6	1	DIHYDROXYANIGORUF/BI
E7	1	DIHYDROXYANIGORUFONE/BI
E8	1	DIHYDROXYANILIN/BI

E9	13	DIHYDROXYANILINE/BI
E10	1	DIHYDROXYANILINIUM/BI
E11	9	DIHYDROXYANILINO/BI
E12	7	DIHYDROXYANISOLE/BI

```
=> s dihydroxy and androstene
      305605 DIHYDROXY
      303 ANDROSTENE
L2      37 DIHYDROXY AND ANDROSTENE
```

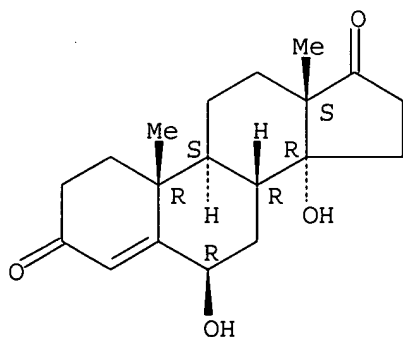
```
=> scan L2
ENTER FIELD CODE (BI):ti
'L2' IS NOT A VALID NUMERIC VALUE
Only valid numeric terms can be EXPANDED in numeric fields. Valid
numeric terms are zero and any term with an absolute value between 1
E-78 and 1 E74. Non-numeric characters are not permitted in the
EXPAND command for numeric fields. To see a list of numeric and text
fields in the current file, enter "HELP SFIELDS" at an arrow
prompt (=>).
```

```
=> 1
1 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).
```

```
=> d L2 1-5
```

```
L2  ANSWER 1 OF 37  REGISTRY  COPYRIGHT 2003 ACS
RN  120051-40-3  REGISTRY
CN  Androst-4-ene-3,17-dione, 6,14-dihydroxy-, (6.beta.)- (9CI) (CA
    INDEX NAME)
OTHER NAMES:
CN  6.beta.,14.alpha.-Dihydroxy-4-androstene-3,17-dione
FS  STEREOSEARCH
MF  C19 H26 O4
SR  CA
LC  STN Files:  BEILSTEIN*, CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL
      (*File contains numerically searchable property data)
```

Absolute stereochemistry.



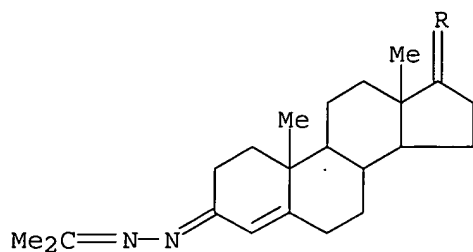
****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

```
9 REFERENCES IN FILE CA (1962 TO DATE)
9 REFERENCES IN FILE CAPLUS (1962 TO DATE)
```

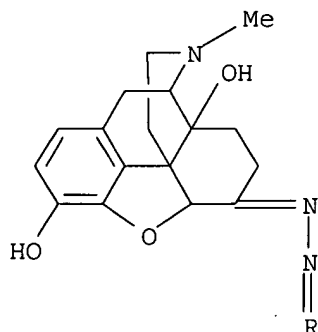
```
L2  ANSWER 2 OF 37  REGISTRY  COPYRIGHT 2003 ACS
```

RN 103427-11-8 REGISTRY
 CN **Androst-4-ene-3,17-dione, 17-[(5.alpha.,6.alpha.)-4,5-epoxy-3,14-dihydroxy-17-methylmorphinan-6-ylidene]hydrazone 3-(1-methylethylidene)hydrazone (9CI)** (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Morphinan, androst-4-ene-3,17-dione deriv.
 OTHER NAMES:
 CN **Androstene bis(oxy morphone) azine**
 MF C39 H51 N5 O3
 SR CA
 LC STN Files: BIOSIS, CA, CAPLUS

PAGE 1-A



PAGE 2-A

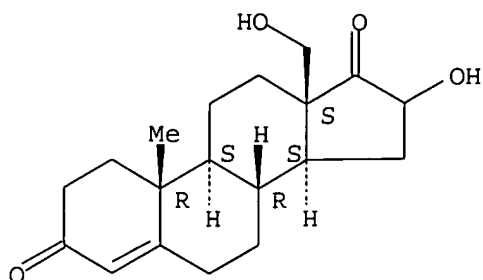


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 3 OF 37 REGISTRY COPYRIGHT 2003 ACS
 RN 66790-54-3 REGISTRY
 CN **Androst-4-ene-3,17-dione, 16,18-dihydroxy-** (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN **16.xi.,18-Dihydroxy-4-androstene-3,17-dione**
 FS STEREOSEARCH
 MF C19 H26 O4
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

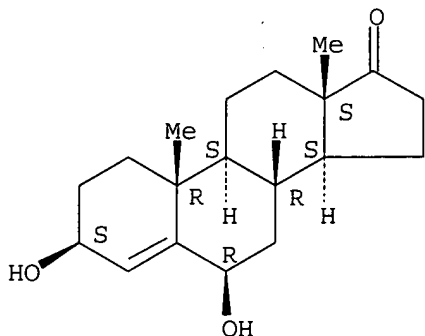


****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 4 OF 37 REGISTRY COPYRIGHT 2003 ACS
RN 60268-49-7 REGISTRY
CN **Androst-4-en-17-one, 3,6-dihydroxy-, (3.beta.,6.beta.)-** (9CI)
(CA INDEX NAME)
OTHER NAMES:
CN **4-Androstene-3.beta.,6.beta.-diol-17-one**
FS STEREOSEARCH
MF C19 H28 O3
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (+).



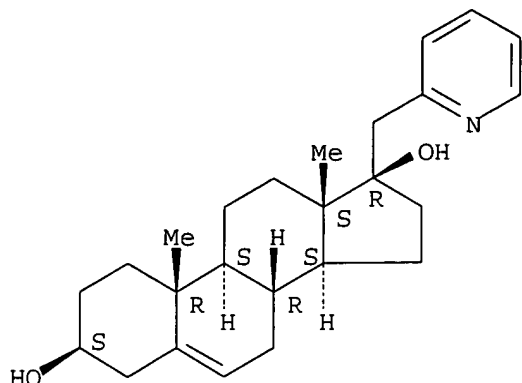
****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

5 REFERENCES IN FILE CA (1962 TO DATE)
5 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 5 OF 37 REGISTRY COPYRIGHT 2003 ACS
RN 59810-26-3 REGISTRY
CN **Androst-5-ene-3,17-diol, 17-(2-pyridinylmethyl)-, (3.beta.,17.beta.)-**
(9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN **Androst-5-ene-3.beta.,17.beta.-diol, 17-(2-pyridylmethyl)-** (6CI)
OTHER NAMES:
CN **3.beta.,17.beta.-Dihydroxy-17.alpha.-picolyl-5-androstene**
FS STEREOSEARCH
MF C25 H35 N O2
CI COM
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT

(*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

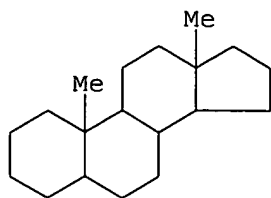
7 REFERENCES IN FILE CA (1962 TO DATE)
7 REFERENCES IN FILE CAPLUS (1962 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d L2 6-10

L2 ANSWER 6 OF 37 REGISTRY COPYRIGHT 2003 ACS
RN 55355-36-7 REGISTRY
CN **Androstenedione, dihydroxy(sulfooxy)- (9CI)** (CA INDEX NAME)
OTHER NAMES:
CN **Androstenedione monosulfate**
MF C19 H28 O7 S
CI IDS
LC STN Files: CA, CAPLUS

CM 1

CRN 55355-35-6
CMF C19 H30 O7 S
CCI IDS



D1-OSO₃H

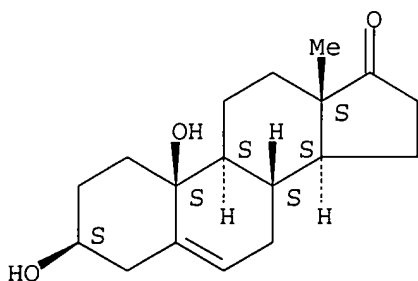
2 (D1-OH)

D2=O

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 7 OF 37 REGISTRY COPYRIGHT 2003 ACS
RN 52906-07-7 REGISTRY
CN **Estr-5-en-17-one, 3,10-dihydroxy-, (3.beta.)-** (9CI) (CA INDEX NAME)
OTHER NAMES:
CN **3.beta.,19-Dihydroxy-5-androstene-17-one**
FS STEREOSEARCH
MF C18 H26 O3
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER

Absolute stereochemistry.



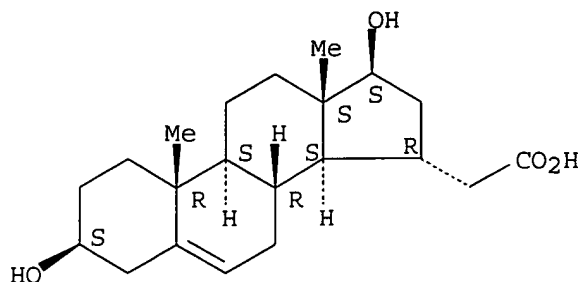
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1962 TO DATE)
4 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 8 OF 37 REGISTRY COPYRIGHT 2003 ACS
RN 52718-41-9 REGISTRY
CN **Androst-5-ene-15-acetic acid, 3,17-dihydroxy-, (3.beta.,15.alpha.,17.beta.)-** (9CI) (CA INDEX NAME)
OTHER NAMES:
CN **15.alpha.-Carboxymethyl-5-androstene-3.beta.,17.beta.-diol**
FS STEREOSEARCH
MF C21 H32 O4
LC STN Files: BEILSTEIN*, CA, CAPLUS, TOXCENTER

(*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1962 TO DATE)
3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 9 OF 37 REGISTRY COPYRIGHT 2003 ACS

RN 52718-21-5 REGISTRY

CN **Androst-4-en-3-one, 7,17-dihydroxy-17-methyl-, (7.β.,17.β.)-**
(9CI) (CA INDEX NAME)

OTHER NAMES:

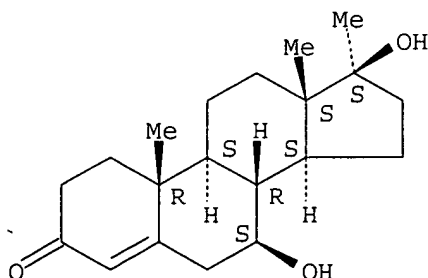
CN **7.β.,17.β.-Hydroxy-17.α.-methyl-4-androstene-3-one**

FS STEREOSEARCH

MF C20 H30 O3

LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
(*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1962 TO DATE)
3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 10 OF 37 REGISTRY COPYRIGHT 2003 ACS

RN 35174-68-6 REGISTRY

CN **Androst-4-en-17-one, 3,6-dihydroxy-, (6.β.)-** (9CI) (CA INDEX NAME)

OTHER NAMES:

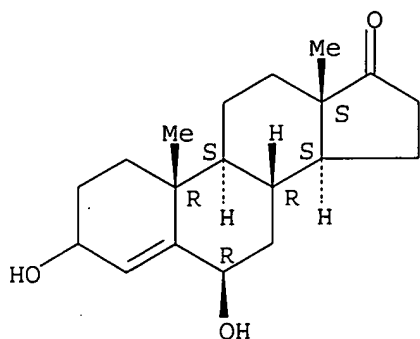
CN **3.β.,6.β.-Dihydroxy-4-androstene-17-one**

FS STEREOSEARCH

MF C19 H28 O3

LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

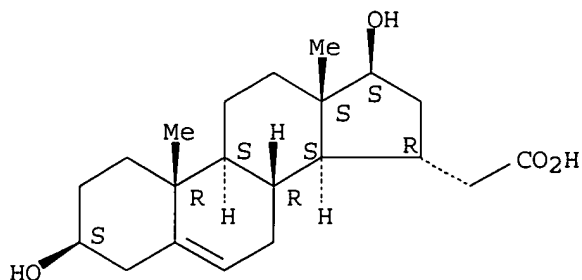
1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> s L2 and 3,17-dihydroxy
20898 3,17
305605 DIHYDROXY
2358 3,17-DIHYDROXY
(3,17(W)DIHYDROXY)
L3 8 L2 AND 3,17-DIHYDROXY

=> d L3 1-8

L3 ANSWER 1 OF 8 REGISTRY COPYRIGHT 2003 ACS
RN 52718-41-9 REGISTRY
CN **Androst-5-ene-15-acetic acid, 3,17-dihydroxy-,
(3.beta.,15.alpha.,17.beta.)- (9CI) (CA INDEX NAME)**
OTHER NAMES:
CN **15.alpha.-Carboxymethyl-5-androstene-3.beta.,17.beta.-diol**
FS STEREOSEARCH
MF C21 H32 O4
LC STN Files: BEILSTEIN*, CA, CAPLUS, TOXCENTER
(*File contains numerically searchable property data)

Absolute stereochemistry.

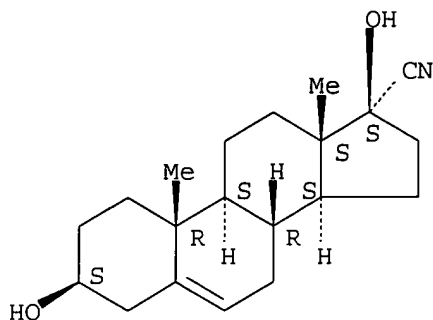


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1962 TO DATE)
3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 2 OF 8 REGISTRY COPYRIGHT 2003 ACS
 RN 35060-03-8 REGISTRY
 CN **Androst-5-ene-17-carbonitrile, 3,17-dihydroxy-, (3.beta.,17.beta.)-**
 (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN **17.alpha.-Cyano-5-androstene-3.beta.,17.beta.-diol**
 FS STEREOSEARCH
 MF C20 H29 N O2
 LC STN Files: . BEILSTEIN*, CA, CAPLUS, CASREACT
 (*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

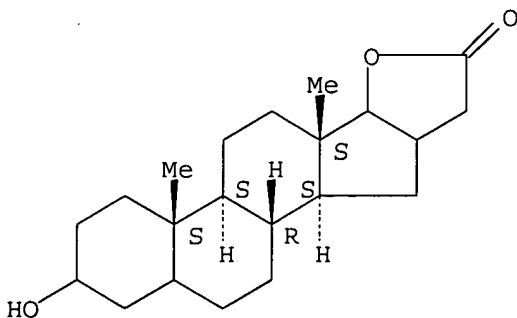
7 REFERENCES IN FILE CA (1962 TO DATE)
 7 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 3 OF 8 REGISTRY COPYRIGHT 2003 ACS
 RN 34802-88-5 REGISTRY
 CN **Androstene-16-acetic acid, 3,17-dihydroxy-, .gamma.-lactone (8CI)**
 (CA INDEX NAME)
 FS STEREOSEARCH
 MF C21 H30 O3
 CI IDS

CM 1

CRN 34653-16-2
 CMF C21 H32 O3

Absolute stereochemistry.

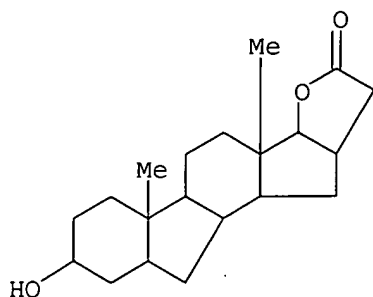


L3 ANSWER 4 OF 8 REGISTRY COPYRIGHT 2003 ACS

RN 34639-02-6 REGISTRY
CN **B-Norandrostene-16-acetic acid, 3,17-dihydroxy-, .gamma.-lactone**
(8CI) (CA INDEX NAME)
MF C20 H28 O3
CI IDS

CM 1

CRN 47265-57-6
CMF C20 H30 O3



L3 ANSWER 5 OF 8 REGISTRY COPYRIGHT 2003 ACS
RN 32734-74-0 REGISTRY
CN **B-Homoandrostene-16-acetic acid, 3,17-dihydroxy-, .gamma.-lactone**
(9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN **Benzo[3',4']cyclohept[1',2':4,5]indeno[1,2-b]furan,**
B-homoandrostene-16-acetic acid deriv.

FS STEREOSEARCH

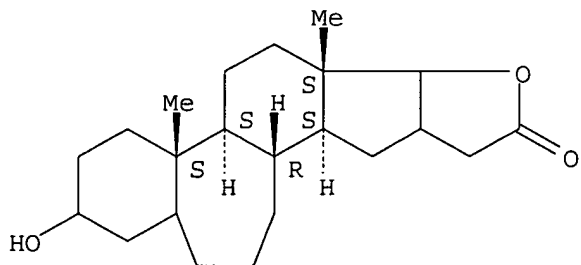
MF C22 H32 O3

CI IDS

CM 1

CRN 47418-85-9
CMF C22 H34 O3

Absolute stereochemistry.



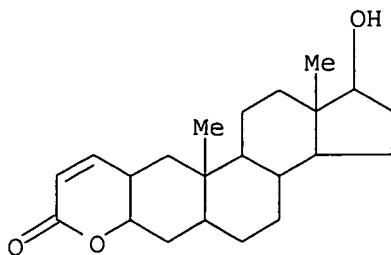
L3 ANSWER 6 OF 8 REGISTRY COPYRIGHT 2003 ACS
RN 31855-01-3 REGISTRY
CN **Androstene-2-acrylic acid, 3,17-dihydroxy-, .delta.-lactone (8CI)**
(CA INDEX NAME)

MF C22 H30 O3

CI IDS

CM 1

CRN 47418-68-8
CMF C22 H32 O3

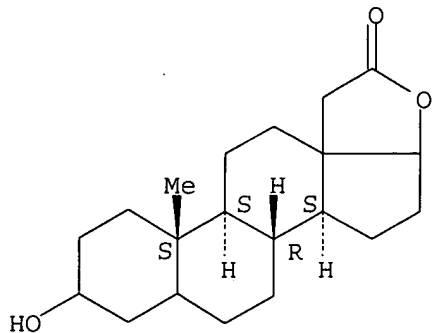


L3 ANSWER 7 OF 8 REGISTRY COPYRIGHT 2003 ACS
RN 31830-96-3 REGISTRY
CN **Androstene-18-carboxylic acid, 3,17-dihydroxy-, .gamma.-lactone**
(8CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C20 H28 O3
CI IDS

CM 1

CRN 31767-74-5
CMF C20 H30 O3

Absolute stereochemistry.



L3 ANSWER 8 OF 8 REGISTRY COPYRIGHT 2003 ACS
RN 1159-66-6 REGISTRY
CN **Androst-5-en-16-one, 3,17-dihydroxy-, (3.beta.,17.beta.)-** (9CI)
(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN **Androst-5-en-16-one, 3.beta.,17.beta.-dihydroxy-** (7CI, 8CI)

OTHER NAMES:

CN **16-Oxoandrostenediol**

CN **3.beta.,17.beta.-Dihydroxyandrost-5-en-16-one**

CN 5-Androsten-3.beta.,17.beta.-diol-16-one

CN Androst-5-ene-3.beta.,17.beta.-diol-16-one

FS STEREOSEARCH

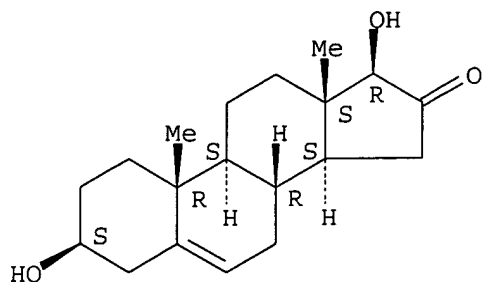
MF C19 H28 O3

CI COM

LC STN Files: ANABSTR, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT,
CSCHEM, MEDLINE, TOXCENTER

(*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

113 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
113 REFERENCES IN FILE CAPLUS (1962 TO DATE)
17 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s 3.beta.,17.beta.-dihydroxyandrost-5-ene

4014 3.BETA.,17.BETA.

203 DIHYDROXYANDROST

7849370 5

3919572 ENE

19066 ENES

3919572 ENE

(ENE OR ENES)

L4 2 3.BETA.,17.BETA.-DIHYDROXYANDROST-5-ENE

(3.BETA.,17.BETA.(W)DIHYDROXYANDROST(W)5(W)ENE)

=> d L4 1-2

L4 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2003 ACS

RN 2099-26-5 REGISTRY

CN Androst-5-ene-3,17-diol, diacetate, (3.beta.,17.beta.)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Androst-5-ene-3.beta.,17.beta.-diol, diacetate (6CI, 7CI, 8CI)

OTHER NAMES:

CN 3.beta.,17.beta.-Diacetoxyandrost-5-ene

CN **3.beta.,17.beta.-Dihydroxyandrost-5-ene diacetate**

CN Androst-5-ene-3.beta.,17.beta.-diyl diacetate

CN Androstenediol 3,17-diacetate

FS STEREOSEARCH

DR 25331-40-2

MF C23 H34 O4

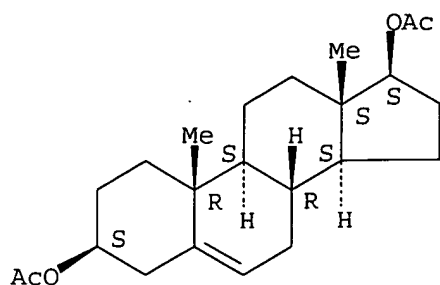
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
CHEMINFORMRX, CHEMLIST, CSCHEM, HODOC*, IFICDB, IFIPAT, IFIUDB, MRCK*,
SPECINFO, TOXCENTER, USPATFULL

(*File contains numerically searchable property data)

Other Sources: EINECS**

(**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.

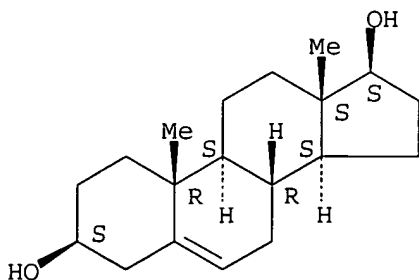


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

85 REFERENCES IN FILE CA (1962 TO DATE)
 85 REFERENCES IN FILE CAPLUS (1962 TO DATE)
 19 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2003 ACS
 RN 521-17-5 REGISTRY
 CN Androst-5-ene-3,17-diol, (3.beta.,17.beta.)- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Androst-5-ene-3.beta.,17.beta.-diol (7CI, 8CI)
 OTHER NAMES:
 CN .DELTA.5-Androstene-3.beta.,17.beta.-diol
 CN .DELTA.5-Androstenediol
 CN 3.beta.,17.beta.-Androst-5-enediol
 CN **3.beta.,17.beta.-Dihydroxyandrost-5-ene**
 CN Androst-5-enediol
 CN Androstenediol
 CN Hermaphrodiol
 AR 28652-91-7
 FS STEREOSEARCH
 MF C19 H30 O2
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS,
 CHEMLIST, CSCHEM, DDFU, DRUGU, EMBASE, IPA, MEDLINE, MRCK*, NAPRALERT,
 NIOSHTIC, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USAN, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1122 REFERENCES IN FILE CA (1962 TO DATE)
26 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1122 REFERENCES IN FILE CAPLUS (1962 TO DATE)
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s 53-43-0/rn
L5 1 53-43-0/RN

=> s 521-17-5/rn
L6 1 521-17-5/RN

=> s 63-05-8/rn
L7 1 63-05-8/RN

=> s 145-13-1/rn
L8 1 145-13-1/RN

=> s 387-79-1/rn
L9 1 387-79-1/RN

=> s 304655-83-2/rn
L10 1 304655-83-2/RN

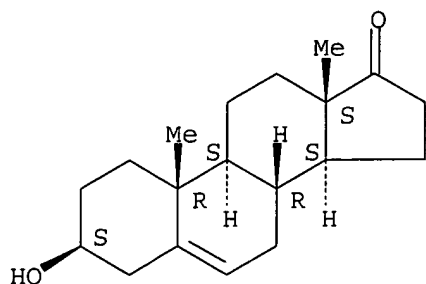
=> s 28901-70-4/rn
L11 1 28901-70-4/RN

=> d 15

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN 53-43-0 REGISTRY
CN Androst-5-en-17-one, 3-hydroxy-, (3.beta.)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Androst-5-en-17-one, 3.beta.-hydroxy- (8CI)
OTHER NAMES:
CN .DELTA.5-Androsten-3.beta.-ol-17-one
CN 17-Chetovis
CN 17-Hormoforin
CN 3.beta.-Hydroxy-.DELTA.5-androsten-17-one
CN 3.beta.-Hydroxyandrost-5-en-17-one
CN 3.beta.-Hydroxyandrost-5-ene-17-one
CN 5,6-Dehydroisoandrosterone
CN 5,6-Didehydroisoandrosterone
CN 5-Androsten-3.beta.-ol-17-one
CN 5-Dehydroepiandrosterone
CN Androst-5-ene-3.beta.-ol-17-one
CN Androstenolone
CN Dehydro-epi-androsterone
CN Dehydroepiandrosterone
CN Dehydroisoandrosterone
CN DHA
CN DHEA
CN Diandron
CN Diandrone
CN GL 701
CN IM 28
CN Prasterone
CN Psicosterone
CN trans-Dehydroandrosterone
FS STEREOSEARCH
DR 9013-35-8, 105597-37-3, 108673-53-6
MF C19 H28 O2
CI COM

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*,
 BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS,
 CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM,
 CSNB, DDFU, DRUGNL, DRUGU, DRUGUPDATES, EMBASE, IFICDB, IFIPAT, IFIUDB,
 IPA, MEDLINE, MRCK*, NAPRALERT, NIOSHTIC, PHAR, PROMT, RTECS*, SPECINFO,
 SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL, VETU
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, WHO
 (**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry. Rotation (+).



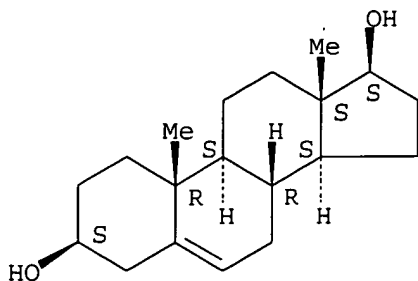
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6237 REFERENCES IN FILE CA (1962 TO DATE)
 140 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 6245 REFERENCES IN FILE CAPLUS (1962 TO DATE)
 93 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d 16

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
 RN 521-17-5 REGISTRY
 CN Androst-5-ene-3,17-diol, (3.β.,17.β.)- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Androst-5-ene-3.β.,17.β.-diol (7CI, 8CI)
 OTHER NAMES:
 CN .DELTA.5-Androstene-3.β.,17.β.-diol
 CN .DELTA.5-Androstenediol
 CN 3.β.,17.β.-Androst-5-enediol
 CN 3.β.,17.β.-Dihydroxyandrost-5-ene
 CN Androst-5-enediol
 CN Androstenediol
 CN Hermaphrodiol
 AR 28652-91-7
 FS STEREOSEARCH
 MF C19 H30 O2
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS,
 CHEMLIST, CSCHEM, DDFU, DRUGU, EMBASE, IPA, MEDLINE, MRCK*, NAPRALERT,
 NIOSHTIC, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USAN, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



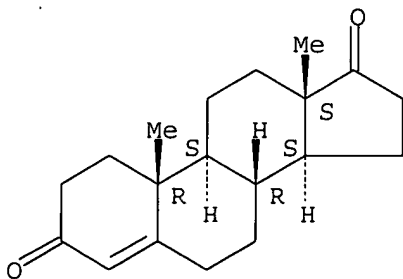
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1122 REFERENCES IN FILE CA (1962 TO DATE)
 26 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1122 REFERENCES IN FILE CAPLUS (1962 TO DATE)
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d 17

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
 RN 63-05-8 REGISTRY
 CN Androst-4-ene-3,17-dione (8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN .DELTA.4-Androstene-3,17-dione
 CN 17-Ketotestosterone
 CN 3,17-Dioxoandrost-4-ene
 CN Androstenedione
 CN Fecundin
 CN SKF 2170
 FS STEREOSEARCH
 DR 104534-78-3, 40786-82-1, 117598-81-9
 MF C19 H26 O2
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, HODOC*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, NAPRALERT, NIOSHTIC, PIRA, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USAN, USPATFULL, VETU
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry. Rotation (+).



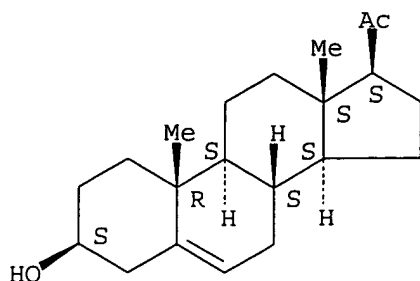
****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

7891 REFERENCES IN FILE CA (1962 TO DATE)
68 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
7899 REFERENCES IN FILE CAPLUS (1962 TO DATE)
20 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d 18

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN **145-13-1** REGISTRY
CN Pregn-5-en-20-one, 3-hydroxy-, (3.beta.)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Pregn-5-en-20-one, 3.beta.-hydroxy- (8CI)
OTHER NAMES:
CN (3.beta.)-3-Hydroxypregn-5-en-20-one
CN .DELTA.5-Pregnen-3.beta.-ol-20-one
CN .DELTA.5-Pregnene-3.beta.-ol-20-one
CN .DELTA.5-Pregnenolone
CN 17.beta.-[1-Ketoethyl]-.DELTA.5-androsten-3.beta.-ol
CN 3.beta.-Hydroxy-.DELTA.5-pregnen-20-one
CN 3.beta.-Hydroxy-5-pregnene-20-one
CN 3.beta.-Hydroxypregn-5-en-20-one
CN 5-Pregnenolone
CN Arthenolone
CN Bina-Skin
CN Enelone
CN Natolone
CN Pregn-5-en-3.beta.-ol-20-one
CN Pregn-5-ene-3.beta.-ol-20-one
CN Pregnenolone
CN Pregnenolone (progesterone precursor)
CN Pregnetan
CN Pregneton
CN Pregnolon
CN Prenolon
CN Regnosone
CN Skinostelon
FS STEREOSEARCH
DR 2481-60-9, 72560-38-4, 116907-59-6
MF C21 H32 O2
CI COM
LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*,
BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT,
CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DDFU,
DIOGENES, DRUGU, EMBASE, HODOC*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE,
MRCK*, NAPRALERT, NIOSHTIC, PIRA, PROMT, RTECS*, SPECINFO, SYNTHLINE,
TOXCENTER, USAN, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**, WHO
(**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



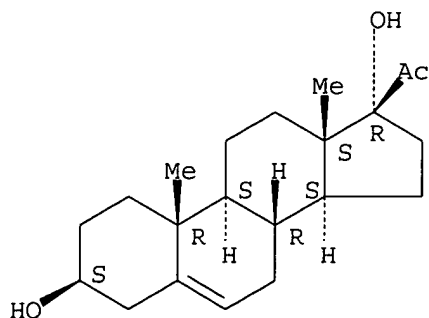
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4069 REFERENCES IN FILE CA (1962 TO DATE)
 77 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 4072 REFERENCES IN FILE CAPLUS (1962 TO DATE)
 38 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d 19

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
 RN **387-79-1** REGISTRY
 CN Pregn-5-en-20-one, 3,17-dihydroxy-, (3.beta.)- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Pregn-5-en-20-one, 3.beta.,17-dihydroxy- (8CI)
 OTHER NAMES:
 CN 17-Hydroxy-.DELTA.5-pregnenolone
 CN 17-Hydroxypregnenolone
 CN 17.alpha.-Hydroxypregnenolone
 CN 3.beta.,17-Dihydroxy-5-pregnen-20-one
 CN 3.beta.,17.alpha.-Dihydroxypregn-5-en-20-one
 CN 5-Pregnen-3.beta.,17.alpha.-diol-20-one
 FS STEREOSEARCH
 DR 6697-78-5, 570-57-0, 1499-60-1, 1920-70-3, 85179-30-2
 MF C21 H32 O3
 CI COM
 LC STN Files: ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHEM, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, MEDLINE, RTECS*, SPECINFO, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



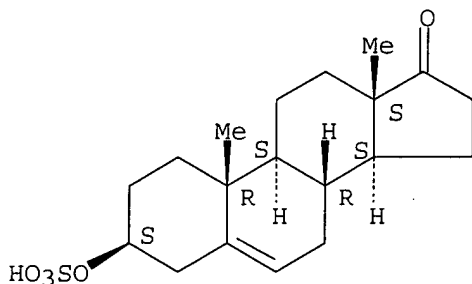
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

961 REFERENCES IN FILE CA (1962 TO DATE)
10 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
961 REFERENCES IN FILE CAPLUS (1962 TO DATE)
37 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d 110

L10 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN 304655-83-2 REGISTRY
CN Androst-5-en-17-one, 3-(sulfooxy)-, sodium salt, monohydrate, (3.beta.)-(9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C19 H28 O5 S . H2 O . Na
SR CAS Registry Services
LC STN Files: CHEMCATS
CRN (651-48-9)

Absolute stereochemistry.



● Na

● H₂O

=> d L11

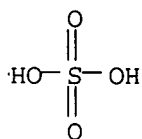
L11 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN 28901-70-4 REGISTRY
CN Pregn-5-en-20-one, 3,17-dihydroxy-, mono(hydrogen sulfate), (3.beta.)-(9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Pregn-5-en-20-one, 3.beta.,17-dihydroxy-, mono(hydrogen sulfate) (8CI)
OTHER NAMES:
CN 17-Hydroxypregnenolone monosulfate
CN 17.alpha.-Hydroxypregnenolone monosulfate
CN 17.alpha.-Hydroxypregnenolone sulfate
FS STEREOSEARCH
MF C21 H32 O6 S
CI IDS, COM

LC STN Files: CA, CAPLUS, MEDLINE, TOXCENTER, USPAT2, USPATFULL

CM 1

CRN 7664-93-9

CMF H2 O4 S

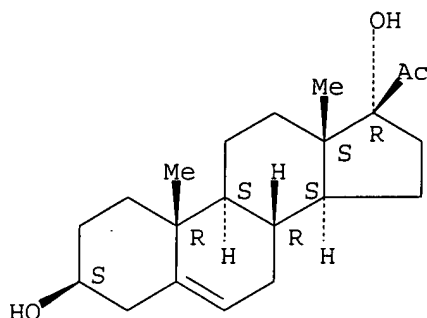


CM 2

CRN 387-79-1

CMF C21 H32 O3

Absolute stereochemistry.



33 REFERENCES IN FILE CA (1962 TO DATE)
33 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

121.34

121.95

FILE 'CAPLUS' ENTERED AT 16:53:16 ON 07 JAN 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 7 Jan 2003 VOL 138 ISS 2

FILE LAST UPDATED: 6 Jan 2003 (20030106/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s L5 or L6 or L7 or L8 or L9 or L10 or L11

6330 L5

1131 L6

7999 L7

4148 L8

981 L9

0 L10

33 L11

L12 14949 L5 OR L6 OR L7 OR L8 OR L9 OR L10 OR L11

=> s l12 and skin

182465 SKIN

8312 SKINS

187366 SKIN

(SKIN OR SKINS)

L13 375 L12 AND SKIN

=> s L13 and bleach

12339 BLEACH

2125 BLEACHES

13574 BLEACH

(BLEACH OR BLEACHES)

L14 0 L13 AND BLEACH

=> s L13 and depigment?

819 DEPIGMENT?

L15 4 L13 AND DEPIGMENT?

=> d L15 1-4 ibib

L15 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:465779 CAPLUS

DOCUMENT NUMBER: 137:37410

TITLE: Cosmetic composition containing 7-hydroxy DHEA and/or 7-keto DHEA and at least a **depigmentation** agent

INVENTOR(S): Courchay, Guy

PATENT ASSIGNEE(S): L'oreal, Fr.

SOURCE: PCT Int. Appl., 14 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002047647	A1	20020620	WO 2001-FR3633	20011120
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

FR 2818138 A1 20020621 FR 2000-16443 20001215
 AU 2002021995 A5 20020624 AU 2002-21995 20011120

PRIORITY APPLN. INFO.: FR 2000-16443 A 20001215
 WO 2001-FR3633 W 20011120

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:71826 CAPLUS

DOCUMENT NUMBER: 136:123403

TITLE: Cosmetic composition containing dehydroepiandrosterone
 and isoflavonoid

INVENTOR(S): Breton, Lionel; Liviero, Christel

PATENT ASSIGNEE(S): L'oreal, Fr.

SOURCE: PCT Int. Appl., 25 pp.
 CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002005764	A1	20020124	WO 2001-FR1787	20010608
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
FR 2811562	A1	20020118	FR 2000-9220	20000713
PRIORITY APPLN. INFO.: FR 2000-9220 A 20000713				
REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L15 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:279402 CAPLUS

DOCUMENT NUMBER: 134:300637

TITLE: Use of DHEA or its precursors and metabolites as
skin depigmentation agents

INVENTOR(S): De, Lacharriere Oliver; Nouveau, Stephanie

PATENT ASSIGNEE(S): L'oreal, Fr.

SOURCE: Eur. Pat. Appl., 10 pp.
 CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1092423	A2	20010418	EP 2000-118605	20000828
EP 1092423	A3	20010829		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
FR 2799645	A1	20010420	FR 1999-12773	19991013
JP 2001131072	A2	20010515	JP 2000-303977	20001003

WO 2001026618 A2 20010419 WO 2000-FR2879 20001013
 WO 2001026618 A3 20020510
 W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,
 CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
 IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
 MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
 SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
 CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 FR 2803514 A1 20010713 FR 2000-13184 20001013
 EP 1221933 A2 20020717 EP 2000-968050 20001013
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL
 PRIORITY APPLN. INFO.: FR 1999-12773 A 19991013
 WO 2000-FR2879 W 20001013

L15 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2000:520 CAPLUS
 DOCUMENT NUMBER: 132:26655
 TITLE: Cosmetic or dermatological water-in-oil emulsions
 containing cyclomethicones and phospholipids
 INVENTOR(S): Meybeck, Alain
 PATENT ASSIGNEE(S): LVMH Recherche, Fr.
 SOURCE: Fr. Demande, 12 pp.
 CODEN: FRXXBL
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2777181	A1	19991015	FR 1998-4543	19980410
PRIORITY APPLN. INFO.:			FR 1998-4543	19980410
OTHER SOURCE(S):	MARPAT 132:26655			

=> d l15 1-4 kwic

L15 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2003 ACS
 TI Cosmetic composition containing 7-hydroxy DHEA and/or 7-keto DHEA and at least a **depigmentation** agent
 AB . . . medium: (a) at least a dehydroepiandrosterone (DHEA) deriv. selected among 7-hydroxy DHEA and 7-keto DHEA, and (b) at least a **depigmentation** agent. The invention also concerns cosmetic use of said compn. for preventing or treating actinic **skin** ageing symptoms. A **depigmentation** lotion contained kojic acid 1.00, 7.alpha.-DHEA, 0.10, capryloyl salicylic acid 2.00, ethanol 48.00, water 9.3, polyethylene glycol 39.50, and preservatives.
 ST cosmetic dehydroepiandrosterone deriv **depigmentation** agent
 IT Cosmetics
 (antiaging; cosmetic compn. comprising hydroxy-dehydroepiandrosterone derivs. and **depigmentation** agent)
 IT **Skin**, disease
 (**depigmentation**; cosmetic compn. comprising hydroxy-dehydroepiandrosterone derivs. and **depigmentation** agent)
 IT Licorice (Glycyrrhiza)
 (ext.; cosmetic compn. comprising hydroxy-dehydroepiandrosterone derivs. and **depigmentation** agent)
 IT Cosmetics

(gels; cosmetic compn. comprising hydroxy-dehydroepiandrosterone derivs. and **depigmentation** agent)

IT Cosmetics

(lotions; cosmetic compn. comprising hydroxy-dehydroepiandrosterone derivs. and **depigmentation** agent)

IT 50-81-7D, Ascorbic acid, esters and salts 50-81-7D, L-Ascorbic acid, glucose derivs. 50-99-7D, D-Glucose, ascorbic acid derivs. 53-00-9, 7.alpha.-HydroxyDehydroepiandrosterone **53-43-0**, Dhea 123-31-9, Hydroquinone, biological studies 476-66-4, Ellagic acid 497-76-7, Arbutin 497-76-7D, Arbutin, derivs. 501-30-4, Kojic acid 566-19-8 2487-48-1, 7.beta.-Hydroxy-Dehydroepiandrosterone 7159-95-7 7522-54-5, 7-Hydroxy-dehydroepiandrosterone 19771-63-2, Procysteine 19771-63-2D, Procysteine, esters and salts 27598-85-2D, Aminophenol, derivs. 220717-78-2

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

(cosmetic compn. comprising hydroxy-dehydroepiandrosterone derivs. and **depigmentation** agent)

L15 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2003 ACS

AB . . . isoflavonoid. The invention also concerns the cosmetic and dermatol. uses of said compn., in particular for preventing or treating actinic **skin** ageing symptoms. A **depigmentation** lotion contained 3-.beta.-17-oxoandrost-5-en-3-yle glycinate 10, propylene glycol 15, ethanol 65, soya ext. (contg. 0.2% isoflavones and 30% butylene glycol) 5, . . .

IT **Skin**, disease

(**depigmentation**; cosmetic compn. contg. dehydroepiandrosterone and isoflavonoid)

IT **53-43-0**, Dehydroepiandrosterone **53-43-0D**, Dehydroepiandrosterone, esters 126-18-1, Smilagenin 126-19-2 446-95-7, Genisteine 467-55-0, Hecogenin 480-23-9, Orobol 480-86-4, Retusine 485-72-3, Formononetin 486-66-8, Daidzein 512-04-9, Diosgenin 529-59-9, Genistin 529-60-2, Santal 548-77-6, Tectorigenin 550-79-8, Afrormosin 552-59-0, Prunetin 552-66-9, Daidzin 651-48-9, Dehydroepiandrosterone sulfate 853-23-6 2284-31-3, Pratensein 2345-17-7, Irisolidone 4569-98-6, Isoprunetin 7642-68-4, Dehydroepiandrosterone valerate 7741-28-8, Cuneatin 14504-94-0, Androst-5-ene-3,17-diol 17218-62-1, Androst-4-ene-3,17-diol 23983-43-9, Dehydroepiandrosterone enanthate 24211-36-7, Jamaicin 32884-36-9, Cajanin 40957-83-3, Glycitein 76265-28-6, Junipegein a 188750-82-5, Dehydroepiandrosterone salicylate 260782-83-0

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

(cosmetic compn. contg. dehydroepiandrosterone and isoflavonoid)

L15 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2003 ACS

TI Use of DHEA or its precursors and metabolites as **skin depigmentation** agents

AB DHEA (dehydroepiandrosterone) or its precursors and metabolites as **skin depigmentation** agents. A cosmetic compn. contained DHEA 2, propylene glycol isostearate 13, polyethylene glycol 5, propylene glycol 3, pentyleneglycol 3, . . . alc. 1, gelling agents 0.5, C12-15 alkyl benzoate 4, ethanol 3, sodium hydroxide 0.12, preservatives 0.7, and water q.s. 100%. **Depigmentation** activity of the compn. was tested in 55-70 yr volunteers.

ST DHEA metabolite **skin depigmentation** cosmetic

IT **Skin**, disease

(**depigmentation**; use of DHEA or its precursors and metabolites as **skin depigmentation** agents)

IT Carbohydrates, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(derivs.; use of DHEA or its precursors and metabolites as **skin depigmentation** agents)

IT Licorice (Glycyrrhiza)
Mulberry
Scutellaria
(ext.; use of DHEA or its precursors and metabolites as **skin depigmentation** agents)

IT Carboxylic acids, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(hydroxy; use of DHEA or its precursors and metabolites as **skin depigmentation** agents)

IT Carboxylic acids, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(oxo; use of DHEA or its precursors and metabolites as **skin depigmentation** agents)

IT Cosmetics
(**skin**-lightening; use of DHEA or its precursors and metabolites as **skin depigmentation** agents)

IT Cosmetics
Sunscreens
(use of DHEA or its precursors and metabolites as **skin depigmentation** agents)

IT Polysiloxanes, biological studies
Retinoids
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(use of DHEA or its precursors and metabolites as **skin depigmentation** agents)

IT 9028-35-7, HMG-CoA reductase
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(inhibitors; use of DHEA or its precursors and metabolites as **skin depigmentation** agents)

IT 50-21-5, Lactic acid, biological studies 50-81-7, Ascorbic acid, biological studies **53-43-0**, DHEA 57-88-5, Cholesterol, biological studies **63-05-8**, 4-Androstene-3-17 dione 68-26-8, Retinol 68-26-8D, Retinol, esters 69-72-7, Salicylic acid, biological studies 77-92-9, Citric acid, biological studies 79-14-1, Glycolic acid, biological studies 87-69-4, Tartaric acid, biological studies 90-64-2, Mandelic acid 120-46-7D, Dibenzoylmethane, derivs. 123-31-9, Hydroquinone, biological studies 131-57-7, 2-Hydroxy 4 methoxybenzophenone **145-13-1**, Pregnenolone **387-79-1**, 17-Hydroxypregnenolone 476-66-4, Ellagic acid 497-76-7D, Arbutine, derivs. 501-30-4, Kojic acid **521-17-5**, 5 Androstenediol 651-48-9, Dhea sulfate 4065-45-6, 2 Hydroxy 4 methoxybenzophenone 5 sulfonic acid 6197-30-4, Octocrylene 6915-15-7, Malic acid 7159-95-7 10380-41-3D, 2-Cyano-3,3-diphenylacrylic acid, alkyl derivs. 15087-24-8, Benzylidene camphor 16397-78-7, 2-Ethyl hexyl cinnamate 19771-63-2, Procysteine 19771-63-2D, Procysteine, esters 25654-87-9 27503-81-7, 2-Phenylbenzimidazole 5 sulfonic acid 27598-85-2D, Aminophenol, derivs. **28901-70-4**, 17.alpha.-Hydroxypregnenolone sulfate 36861-47-9 63250-25-9, 4-(Isopropyl)dibenzoylmethane 70356-09-1 88122-99-0 155633-54-8 189746-43-8 220717-78-2 334658-18-3
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(use of DHEA or its precursors and metabolites as **skin depigmentation** agents)

L15 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2003 ACS

IT **Skin**, disease
(**depigmentation**; cosmetic or dermatol. water-in-oil emulsions contg. cyclomethicones and phospholipids)

IT Cosmetics
(**skin**-lightening; cosmetic or dermatol. water-in-oil

emulsions contg. cyclomethicones and phospholipids)

IT 50-70-4, D-Glucitol, biological studies 53-43-0 56-81-5,
 1,2,3-Propanetriol, biological studies 57-13-6, Urea, biological studies
 57-55-6, 1,2-Propanediol, biological studies 58-08-2, Caffein,
 biological studies 58-55-9, Theophyllin, biological studies 64-17-5,
 Ethanol, biological studies 69-72-7, Salicylic acid, biological studies
 71-23-8, Propanol, biological studies 73-31-4 81-13-0, Panthenol
 110-63-4, 1,4-Butanediol, biological studies 111-01-3, Perhydrosqualene
 123-31-9, Hydroquinone, biological studies 123-31-9D, Hydroquinone,
 derivs. 302-79-4, Retinoic acid 464-92-6D, Asiatic acid, derivs.
 477-32-7, Visnadine 501-30-4, Kojic acid 1449-05-4,
 .beta.-Glycyrrhetic acid 5289-74-7, 20-Hydroxyecdysone 7069-42-3,
 Vitamin a propionate 18449-41-7D, Madecassic acid, derivs. 28109-92-4,
 Methylxanthine 28874-51-3 53956-04-0, Ammonium glycyrrhizinate
 55306-04-2, Sericoside 60208-12-0, Dimethylxanthine
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (cosmetic or dermatol. water-in-oil emulsions contg. cyclomethicones
 and phospholipids)

=> d his

(FILE 'HOME' ENTERED AT 16:05:47 ON 07 JAN 2003)

FILE 'REGISTRY' ENTERED AT 16:05:55 ON 07 JAN 2003
 E PREGNENOLONE
 E 5-ANDROSTENEDIOL

FILE 'REGISTRY' ENTERED AT 16:34:00 ON 07 JAN 2003
 E HYDROXPREGNENOLONE

L1 33 S E3
 E DIHYDROXYANDROST
 E DIHYDROXYANDROSTENE
 L2 37 S DIHYDROXY AND ANDROSTENE
 L3 8 S L2 AND 3,17-DIHYDROXY
 L4 2 S 3.BETA.,17.BETA.-DIHYDROXYANDROST-5-ENE
 L5 1 S 53-43-0/RN
 L6 1 S 521-17-5/RN
 L7 1 S 63-05-8/RN
 L8 1 S 145-13-1/RN
 L9 1 S 387-79-1/RN
 L10 1 S 304655-83-2/RN
 L11 1 S 28901-70-4/RN

FILE 'CAPLUS' ENTERED AT 16:53:16 ON 07 JAN 2003

L12 14949 S L5 OR L6 OR L7 OR L8 OR L9 OR L10 OR L11
 L13 375 S L12 AND SKIN
 L14 0 S L13 AND BLEACH
 L15 4 S L13 AND DEPIGMENT?

=> s L12 and melasma

64 MELASMA
 3 MELASMAS
 65 MELASMA
 (MELASMA OR MELASMAS)

L16 1 L12 AND MELASMA

=> d L16 ti

L16 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS

TI Pharmaceutical and cosmetic compositions containing oligosaccharide
 aldonic acids and their topical use

=> d L16 ibib,kwic

L16 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:31287 CAPLUS
DOCUMENT NUMBER: 134:105670
TITLE: Pharmaceutical and cosmetic compositions containing oligosaccharide aldonic acids and their topical use
INVENTOR(S): Yu, Ruey J.; Van Scott, Eugene J.
PATENT ASSIGNEE(S): USA
SOURCE: PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001001932	A2	20010111	WO 2000-US16301	20000628
WO 2001001932	A3	20010517		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6335023	B1	20020101	US 2000-487228	20000119
BR 2000011640	A	20020514	BR 2000-11640	20000628
EP 1227820	A2	20020807	EP 2000-950220	20000628
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
US 2002028227	A1	20020307	US 2001-987023	20011113
PRIORITY APPLN. INFO.:				
			US 1999-141264P	P 19990630
			US 2000-487228	A 20000119
			WO 2000-US16301	W 20000628

OTHER SOURCE(S): MARPAT 134:105670

IT. Skin, disease
(**melasma**; pharmaceutical and cosmetic compns. contg. oligosaccharide aldonic acids and their topical use)

IT 50-02-2, Dexamethasone 50-03-3, Hydrocortisone 21-acetate 50-21-5, Lactic acid, biological studies 50-23-7, Hydrocortisone 50-28-2, Estradiol, biological studies 50-48-6, Amitriptyline 50-78-2, Acetylsalicylic acid 50-81-7, Ascorbic acid, biological studies 51-03-6, Piperonyl butoxide 51-21-8, 5-Fluorouracil 51-55-8, Atropine, biological studies **53-43-0**, Dehydroepiandrosterone 53-86-1, Indomethacin 55-56-1, Chlorhexidine 57-13-6, Urea, biological studies 57-63-6, Ethinyl estradiol 58-73-1, Diphenhydramine 58-95-7, Vitamin E acetate 59-33-6, Pyrilamine 59-42-7, Phenylephrine 59-46-1, Procaine 60-54-8, Tetracycline 64-65-3, Bemegride 65-45-2, Salicylamide 67-73-2, Fluocinolone acetonide 67-78-7, Triamcinolone diacetate 68-26-8, Retinol 68-35-9, Sulfadiazine 68-41-7, Cycloserine 68-88-2, Hydroxyzine 68-95-1, N-Acetylproline 69-72-7, Salicylic acid, biological studies 76-22-2, Camphor 76-25-5, Triamcinolone acetonide 79-14-1, Glycolic acid, biological studies 79-81-2, Retinyl palmitate 84-22-0, Tetrahydrozoline 86-21-5, Pheniramine 86-22-6, Brompheniramine 89-83-8, Thymol 90-45-9, Aminacrine 90-64-2, Mandelic acid 90-82-4, Pseudoephedrine 93-14-1, Guaifenesin 93-60-7, Methyl nicotinate 94-24-6, Tetracaine 94-36-0, Benzoyl peroxide,

biological studies 96-88-8, Mepivacaine 103-16-2, Monobenzene
 108-46-3, Resorcinol, biological studies 108-95-2, Phenol, biological
 studies 112-38-9, Undecylenic acid 113-92-8 114-07-8, Erythromycin
 116-31-4, Retinal 118-56-9, Homosalate 118-60-5, Octyl salicylate
 119-36-8, Methyl salicylate 119-61-9, Benzophenone, biological studies
 121-29-9, Pyrethrin 123-31-9, Hydroquinone, biological studies
 123-31-9D, Hydroquinone, monoether derivs. 123-99-9, Azelaic acid,
 biological studies 124-43-6, Carbamide peroxide 126-07-8, Griseofulvin
 127-47-9, Retinyl acetate 130-26-7, Clioquinol 131-57-7, Oxybenzone
 136-77-6, Hexylresorcinol 137-58-6, Lidocaine 137-66-6, Ascorbyl
 palmitate 139-12-8, Aluminum acetate 140-65-8, Pramoxine 302-79-4,
 Retinoic acid 356-12-7, Fluocinonide 382-67-2, Desoximetasone
 404-86-4, Capsaicin 443-48-1, Metronidazole 483-63-6, Crotonamiton
 486-12-4, Triprolidine 499-14-9, Chondrosine 499-15-0, Hyalobiuronic
 acid 501-30-4, Kojic acid 518-28-5, Podofilox 525-66-6, Propranolol
 534-41-8, Cellobionic acid 534-42-9, Maltobionic acid 534-74-7,
 Isomaltobionic acid 547-64-8, Methyllactate 562-10-7, Doxylamine
 569-65-3, Meclizine 584-63-4 586-60-7, Dyclonine 721-50-6,
 Prilocaine 768-94-5, Amantadine 777-11-7, Haloprogin 1143-38-0,
 Anthralin 1198-84-1, 4-Hydroxymandelic acid 1319-82-0, Aminocaproic
 acid 1321-11-5, Aminobenzoic acid 1321-23-9, Chloroxylonol
 1327-41-9, Aluminum chlorhydroxide 1400-61-9, Nystatin 1404-04-2,
 Neomycin 1405-87-4, Bacitracin 1406-18-4, Vitamin e 1490-04-6,
 Menthol 1491-59-4, Oxymetazoline 1668-19-5, Doxepin 2013-58-3,
 Meclocycline 2152-44-5, Betamethasone valerate 2398-96-1, Tolnaftate
 3380-34-5, Triclosan 3808-00-2 4759-48-2, 13-Cis-Retinoic acid
 5438-68-6 5466-77-3, Octyl 4-methoxycinnamate 5534-09-8,
 Beclomethasone dipropionate 5551-59-7, Cellobiuronic acid 5593-20-4,
 Betamethasone dipropionate 5611-51-8, Triamcinolone hexacetonide
 5965-65-1, Lactobionolactone 7446-70-0, Aluminum chloride, biological
 studies 7512-17-6, N-Acetylglucosamine 7704-34-9, Sulfur, biological
 studies 7722-84-1, Hydrogen peroxide, biological studies 8029-68-3,
 Ichthammol 9012-76-4, Chitosan 10118-90-8, Minocycline 11103-57-4,
 Vitamin a 12650-69-0, Mupirocin 13431-32-8 13463-41-7, Zinc
 pyrithione 13609-67-1, Hydrocortisone 17-butyrate 14838-15-4,
 Phenylpropanolamine 15686-51-8, Clemastine 15687-27-1, Ibuprofen
 16110-51-3, Cromolyn 18323-44-9, Clindamycin 18559-94-9, Albuterol
 21245-02-3 21645-51-2, Aluminum hydroxide, biological studies
 21675-38-7, Melibionc acid 22071-15-4, Ketoprofen 22204-53-1,
 Naproxen 22916-47-8, Miconazole 23593-75-1, Clotrimazole 25122-46-7,
 Clobetasol propionate 25655-41-8, Povidone iodine 27220-47-9,
 Econazole 28088-64-4, Aminosalicyclic acid 28631-45-0D, lactone from
 29342-05-0, Ciclopirox 30233-46-6 34150-97-5D, lactone from
 38304-91-5, Minoxidil 38396-39-3, Bupivacaine 42776-28-3,
 Maltobionolactone 50612-42-5 52645-53-1, Permethrin 52762-22-8,
 Cellobionolactone 56093-45-9, Selenium sulfide 56933-14-3
 57524-89-7, Hydrocortisone 17-valerate 59277-89-3, Acyclovir
 61318-90-9, Sulconazole 64211-45-6, Oxiconazole 64872-76-0,
 Butoconazole 65277-42-1, Ketoconazole 65472-88-0, Naftifine
 65899-73-2, Tioconazole 67915-31-5, Terconazole 77893-25-5
 77893-26-6 91161-71-6, Terbinafine 99011-02-6, Imiquimod
 106685-40-9, Adapalene 110558-39-9 110574-00-0 112965-21-6,
 Calcipotriene 118292-40-3, Tazarotene 184241-84-7 207738-18-9
 318471-21-5 318471-22-6 318471-23-7 318471-24-8 318471-25-9
 318471-26-0 318471-27-1 318471-28-2 318471-29-3 318471-30-6
 318471-31-7 318471-32-8 318471-33-9 318471-34-0 318471-35-1
 318471-36-2 318471-37-3 318471-38-4 318471-57-7

RL: BAC (Biological activity or effector, except adverse); BSU (Biological
 study, unclassified); BUU (Biological use, unclassified); THU (Therapeutic
 use); BIOL (Biological study); USES (Uses)

(pharmaceutical and cosmetic compns. contg. oligosaccharide aldonic
 acids and their topical use)

```

=> s canities
L17          9 CANITIES

=> d L17 1 ti

L17 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2003 ACS
TI   Insect viruses expressing toxin genes from early promoters with increased
      virulence towards insect hostss

=> d L17 1 kwic

L17 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2003 ACS
IT   Diguettia canities
      Scorpio maurus palmatus
      (neurotoxins of; insect viruses expressing toxin genes from early
      promoters with increased virulence towards insect hostss)
IT   124354-86-5, Neurotoxin IT 2 (Androctonus australis reduced)
      130300-61-7, Neurotoxin IT 2 (Scorpio maurus palmatus reduced)
      130300-64-0, Neurotoxin IT 2 (Leiurus quinquestriatus hebraeus reduced)
      130300-67-3, Neurotoxin IT 2 (Leiurus quinquestriatus quinquestriatus
      reduced) 130300-69-5, Neurotoxin P 35 (Leiurus quinquestriatus hebraeus
      reduced) 133164-84-8, Neurotoxin IT 2 (Buthotus judaicus reduced)
      145894-61-7, Toxin DK 9.2 (Diguettia canities venom
      6.38-kilodalton reduced) 150656-79-4, Protein NPS 326 (Tegenaria
      agrestis venom clone pAdaI7 reduced) 150656-84-1, Protein NPS 331
      (Tegenaria agrestis venom clone pAdaI reduced) 150656-89-6, Protein NPS
      373 (Tegenaria agrestis venom clone pAdaI2 reduced) 153700-13-1, King
      kong peptide 173047-86-4D, .mu.-Agatoxin I, derivs.
      RL: BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological
      study); USES (Uses)
      (gene for, in insect viruses with improved virulence; insect viruses
      expressing toxin genes from early promoters with increased virulence
      towards insect hostss)

=> s L12 and L17
L18          0 L12 AND L17

=> s hair(p)grey
      45732 HAIR
      4057 HAIRS
      47747 HAIR
      (HAIR OR HAIRS)
      4542 GREY
      17 GREYS
      4555 GREY
      (GREY OR GREYS)
L19          87 HAIR(P)GREY

=> s hair(p)gray
      45732 HAIR
      4057 HAIRS
      47747 HAIR
      (HAIR OR HAIRS)
      46449 GRAY
      234 GRAYS
      46647 GRAY
      (GRAY OR GRAYS)
L20          691 HAIR(P)GRAY

=> s L19 or L20

```

L21 774 L19 OR L20

=> s L12 and L21

L22 0 L12 AND L21

=> s hair

45732 HAIR

4057 HAIRS

L23 47747 HAIR

(HAIR OR HAIRS)

=> s L12 and L23

L24 120 L12 AND L23

=> s L24 and gray

46449 GRAY

234 GRAYS

46647 GRAY

(GRAY OR GRAYS)

L25 0 L24 AND GRAY

=> s L24 and grey

4542 GREY

17 GREYS

4555 GREY

(GREY OR GREYS)

L26 0 L24 AND GREY

=> s propigment?

L27 17 PROPIGMENT?

=> d L27 1 kwic

L27 ANSWER 1 OF 17 CAPLUS COPYRIGHT 2003 ACS

AB . . . al., 1973) for achieving genetic transformation is discussed. In
detg. whether information carrying donor DNA might be available to the
propigment cells of embryos of *Xiphophorus helleri*, which are the
target cells for the transformation, heterologous donor DNA-2H,3H from
Escherichia coli,. . . donor DNA is injected into the neural crest
region. The probability that a foreign gene might become available to the
propigment cells and might induce transformation is discussed.

=> s L27 and L12

L28 0 L27 AND L12

=> s L24 and color

348684 COLOR

36362 COLORS

368183 COLOR

(COLOR OR COLORS)

L29 3 L24 AND COLOR

=> d L29 1-3 ibib,kwic

L29 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:545057 CAPLUS

DOCUMENT NUMBER: 137:230715

TITLE: Isolated premature pubarche: ultrasonographic and
color doppler analysis-a longitudinal study

AUTHOR(S): Battaglia, Cesare; Regnani, Giorgia; Mancini, Fulvia;
Iughetti, Lorenzo; Bernasconi, Sergio; Volpe,
Annibale; Flamigni, Carlo; Venturoli, Stefano

CORPORATE SOURCE: Reproductive Medicine Unit, University of Bologna,
Bologna, 40138, Italy
SOURCE: Journal of Clinical Endocrinology and Metabolism
(2002), 87(7), 3148-3154
CODEN: JCEMAZ; ISSN: 0021-972X
PUBLISHER: Endocrine Society
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 73 THERE ARE 73 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

- TI Isolated premature pubarche: ultrasonographic and **color** doppler
analysis-a longitudinal study
- AB Twenty-seven girls with premature pubarche were studied by ultrasonog. and
color Doppler analyses to det. the incidence of polycystic ovaries
(PCO), to longitudinally assess their evolution, and to search for any
hormonal correlation. The girls were submitted to auxol., clin., and
hormonal evaluation, and 21-hydroxylase deficiency was ruled out by an
ACTH test. Furthermore, the girls underwent ultrasonog. and **color**
Doppler ovarian and uterine analyses. Among girls with premature
pubarche, the prevalence of PCO was 41%. Advanced skeletal maturation,
tall stature, and increased **hair** distribution were const. in
these patients. In patients with ultrasonog. and **color** Doppler
evidence of PCO, the ovarian vol., the no. of small-sized subcapsular
follicles, the stromal echogenicity, and the ovarian stromal
vascularization progressively increased during the study. In the whole
studied population, ovarian vol. correlated with the no. of small-sized
follicles ($r = 0.719$; $P < 0.0001$). Furthermore, a slight and inverse
correlation has been found between ovarian vol. and ovarian stromal artery
pulsatility index ($r = -0.536$; $P = 0.048$). In conclusion, we affirm that
PCO are greatly represented among girls with premature pubarche and
progressively evolve.
- IT Spectroscopy
(Doppler, **color**; plasma hormonal profile in girls with
isolated premature pubarche-assocd. with polycystic ovaries detected by
ultrasonog. and **color** doppler anal.)
- IT Development, mammalian postnatal
(child; plasma hormonal profile in girls with isolated premature
pubarche-assocd. with polycystic ovaries detected by ultrasonog. and
color doppler anal.)
- IT Human
Sound and Ultrasound
(plasma hormonal profile in girls with isolated premature
pubarche-assocd. with polycystic ovaries detected by ultrasonog. and
color doppler anal.)
- IT Ovary, disease
(polycystic; plasma hormonal profile in girls with isolated premature
pubarche-assocd. with polycystic ovaries detected by ultrasonog. and
color doppler anal.)
- IT Puberty
(premature pubarche, isolated; plasma hormonal profile in girls with
isolated premature pubarche-assocd. with polycystic ovaries detected by
ultrasonog. and **color** doppler anal.)
- IT **Hair**
(pubic, premature pubarche, isolated; plasma hormonal profile in girls
with isolated premature pubarche-assocd. with polycystic ovaries
detected by ultrasonog. and **color** doppler anal.)
- IT 50-23-7, Cortisol 50-28-2, Estradiol, biological studies 58-22-0,
Testosterone 63-05-8, Androstenedione 68-96-2,
17-Hydroxyprogesterone 651-48-9, DHEA sulfate 9002-67-9, LH
9002-68-0, FSH
- RL: BSU (Biological study, unclassified); BIOL (Biological study)
(plasma hormonal profile in girls with isolated premature
pubarche-assocd. with polycystic ovaries detected by ultrasonog. and

color doppler anal.)

L29 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1966:431994 CAPLUS
DOCUMENT NUMBER: 65:31994
ORIGINAL REFERENCE NO.: 65:5965a-d
TITLE: Steroids in human skin and **hairs**. IV.
Neutral 17-keto steroids in human **hairs**
AUTHOR(S): Julesz, M.; Faredin, I.; Toth, I.
CORPORATE SOURCE: Univ. Med. School, Szeged
SOURCE: Acta Med. Acad. Sci. Hung. (1966), 22(1), 49-52
DOCUMENT TYPE: Journal
LANGUAGE: English

TI Steroids in human skin and **hairs**. IV. Neutral 17-keto steroids
in human **hairs**

AB cf. preceding abstr. **Hairs** cut from different areas (head,
armpits, pubic region) of normal men and women were collected in batches
of 400-1600 mg. and boiled under reflux in 40 ml. of 2.5% NaOH for 20 min.
The soln. was neutralized with 3 ml. of 11N HCl. After adding 6 ml. of
concd. HCl, it was boiled under reflux for another 15 min. Cooling was
followed by extn. with 4 aliquots of 20 ml. of ether. The ethereal ext.
was washed with 3 aliquots of 20 ml. of 2N NaOH and 2 of 20 ml. of distd.
H₂O. It was dehydrated with 3-5 g. of Na₂SO₄, filtered, and evapd. to
dryness. The ext. was dissolved in 5 ml. of benzene and evapd. to dryness
in vacuo. The residue was applied in 3 aliquots of 5 ml. of benzene onto
a 2 g. Nymco Florisil column suspended in benzene. The column was washed
with 15 ml. of benzene and then with 10 ml. of 0.5% EtOH in benzene. The
17-keto steroids were eluted from the column with 45 ml. of 2% EtOH in
benzene. The eluate was evapd. to dryness, purified with Girard's
reagent-T, and the ketonic fraction was sepd. The ketonic fraction was
applied in benzene to a 0.25 mm. layer of alumina spread on a
chromatographic plate and chromatographed with EtOAc-n-hexane-HOAc-EtOH
(120:120:2:1) at 30.degree. for 3-4 hrs. After chromatography, the plate
was dried and the layer sprayed with 1:1 2% m-dinitrobenzene in EtOH and
2.5N KOH in MeOH. After drying, the lilac-blue 17-keto steroid spots
appeared. Head, axillary and pubic **hairs** contained 17-keto
steroids; axillary **hairs** were the richest source.
Dehydroepiandrosterone and 3-chloro-3-dehydroepiandrosterone were
identified by their R_f in different thin-layer chromatographic systems and
by different **color** reactions. In **hairs** from hirsute
women two 17-keto steroids of low R_f value were detected; these were
absent from the **hairs** of normal women. No qual. differences
were observed between body **hairs** before and after ACTH
treatment.

IT **Hair**
(17-keto steroid detn. in human)

IT Steroids
(17-keto, detn. in **hair**)

IT 14350-34-6, Androst-5-en-17-one, 3.alpha.-chloro-3-hydroxy-
(detection in **hair**)

IT 53-43-0, Androst-5-en-17-one, 3.beta.-hydroxy-
(detection of, in **hair**)

L29 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1965:60650 CAPLUS
DOCUMENT NUMBER: 62:60650
ORIGINAL REFERENCE NO.: 62:10799f-g
TITLE: A stain of 3.beta.-hydroxy .DELTA.5-steroids and
sterols
AUTHOR(S): Eberlein, Walter R.
CORPORATE SOURCE: Univ. of Pennsylvania, Philadelphia, PA
SOURCE: J. Clin. Endocrinol. Metab. (1965), 25(2), 288-9
DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

AB For paper chromatograms, 50 mg. of picric acid is dissolved in 16 ml. of AcOH to which is added 4 ml. of 70% perchloric acid. The paper strip is dipped in the soln., blotted, and heated at 70-75.degree. for 3 to 5 min. in a well ventilated oven. For thin-layer chromatograms, 100 mg. of picric acid is dissolved in 36 ml. of AcOH to which is added 6 ml. of 70% HClO₄. This soln. is sprayed on the plate which is heated gently on a hot plate while the upper surface is dried with a hair dryer. The 3.beta.-hydroxy DELTA.5-steroids usually appear as red spots against a white background. Certain steroids stain a characteristic shade of red, others usually stain an intense yellow which progresses to an orange, red, or blue color. The colors of the spots obtained for 31 steroids are described.

IT 53-43-0, Androst-5-en-17-one, 3.beta.-hydroxy- 57-88-5,
Cholesterol 145-13-1, Pregn-5-en-20-one, 3.beta.-hydroxy-
387-79-1, Pregn-5-en-20-one, 3.beta.,17-dihydroxy- 516-72-3,
Cholest-5-ene-3.beta.,20.alpha.-diol 640-73-3, Pregn-5-ene-11,20-dione,
3.beta.-hydroxy- 853-26-9, Pregn-5-ene-3.beta.,20.beta.,21-triol
853-61-2, Pregn-5-ene-3.beta.,16.alpha.,20.beta.-triol 855-14-1,
Pregn-5-ene-3.beta.,17,20.beta.,21-tetrol 901-56-4, Pregn-5-ene-
3.beta.,20.alpha.-diol 901-57-5, Pregn-5-ene-3.beta.,20.beta.-diol
903-67-3, Pregn-5-ene-3.beta.,17,20.alpha.-triol 1050-84-6,
Pregn-5-en-20-one, 3.beta.,11.beta.,17,21-tetrahydroxy- 1159-66-6,
Androst-5-en-16-one, 3.beta.,17.beta.-dihydroxy- 1159-68-8,
Androst-5-en-17-one, 3.beta.,16.beta.-dihydroxy- 1164-86-9,
Pregn-5-en-20-one, 3.beta.,11.beta.-dihydroxy- 1164-98-3,
Pregn-5-en-20-one, 3.beta.,21-dihydroxy- 1167-48-2, Pregn-5-en-20-one,
3.beta.,17,21-trihydroxy- 1231-81-8, Androst-5-en-17-one,
3.beta.,11.beta.-dihydroxy- 2140-46-7, Cholest-5-ene-3.beta.,25-diol
2665-04-5, Cholesta-5,24-dien-3.beta.-ol, acetate 4005-81-6,
Cholest-5-ene-3.beta.,20.alpha.,22-triol 13095-61-9,
Cholest-5-ene-3.beta.,26-diol 17520-02-4, Androst-5-ene-11,17-dione,
3.beta.-hydroxy 17711-16-9, Cholest-5-ene-3.beta.,22-diol 17752-16-8,
Cholest-5-en-24-one, 3.beta.-hydroxy- 33530-84-6, Pregn-5-ene-7,20-
dione, 3.beta.-hydroxy- 103308-38-9, Androst-5-ene-3.beta.,17.beta.-
diol, 17-cyclohexanecarboxylate
(detection of, picric acid in)

=> s keratin

9937 KERATIN
8825 KERATINS

L30 13336 KERATIN
(KERATIN OR KERATINS)

=> s L12 and L30

L31 13 L12 AND L30

=> d L31 1-13 ti

L31 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2003 ACS

TI Methods and reagents for the rapid and efficient isolation of circulating cancer cells

L31 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS

TI Treatment of respiratory and lung diseases with antisense oligonucleotides and a bronchodilating agent

L31 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2003 ACS

TI Treatment of respiratory and lung diseases with antisense oligonucleotides and a bronchodilating agent

L31 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2003 ACS

TI In vivo and in vitro immunological localization of dehydroepiandrosterone (DHEA) in rat submaxillary gland

L31 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS
 TI Pharmaceutical and cosmetic compositions containing oligosaccharide aldonic acids and their topical use

L31 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS
 TI Compositions and methods for treatment of alopecia

L31 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2003 ACS
 TI **Keratin** formation promoters for prevention of skin roughness and aging

L31 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS
 TI Inhibition by dehydroepiandrosterone of butylated hydroxyanisole (BHA) promotion of rat-bladder carcinogenesis and enhancement of BHA-induced forestomach hyperplasia

L31 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2003 ACS
 TI Mechanism of allergic cross-reactions. I. Multispecific binding of ligands to a mouse monoclonal anti-DNP IgE antibody

L31 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2003 ACS
 TI Morphometric analysis of human epidermis treated with testosterone and dehydroepiandrosterone in organ culture

L31 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2003 ACS
 TI Pharmacologically induced ultrastructural and immunohistochemical changes in the prostate of the castrated dog

L31 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2003 ACS
 TI Characteristics of cells derived from the girdle region of the pre-implantation blastocyst of the donkey

L31 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2003 ACS
 TI Studies of androgen metabolism and action in cultured hair and skin cells

=> d L31 6 ibib,kwic

L31 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1999:421535 CAPLUS
 DOCUMENT NUMBER: 131:63203
 TITLE: Compositions and methods for treatment of alopecia
 INVENTOR(S): Mann, Morris A.
 PATENT ASSIGNEE(S): USA
 SOURCE: PCT Int. Appl., 38 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9932072	A1	19990701	WO 1998-US26955	19981218
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,			

FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
 CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 6030948	A	20000229	US 1997-994347	19971219
CA 2315395	AA	19990701	CA 1998-2315395	19981218
AU 9919281	A1	19990712	AU 1999-19281	19981218
EP 1039874	A1	20001004	EP 1998-964084	19981218

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI

JP 2001526200	T2	20011218	JP 2000-525068	19981218
---------------	----	----------	----------------	----------

PRIORITY APPLN. INFO.: US 1997-994347 A 19971219
 WO 1998-US26955 W 19981218

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

AB Hair regeneration compns. contg. T.alpha.1, T.beta.4, or a combination
 thereof for treating alopecia on the scalp of a patient in need thereof
 are disclosed. Treatment methods include (1) cleansing the scalp with a
 cleansing agent; (2) treating the cleansed scalp with a **keratin**
 solvent system; (3) applying a topical anesthetic (optional); (4) applying
 an acid peel soln.; (5) applying a hyperactive urea gel formula (optional)
 and (6) applying a hair regeneration compn.

IT 50-81-7, L-Ascorbic acid, biological studies 52-01-7, Spironolactone
 53-43-0, DHEA 57-13-6, Urea, biological studies 57-55-6,
 1,2-Propanediol, biological studies 57-83-0, Progesterone, biological
 studies 58-72-0D, Triphenylethylene, derivs. 63-25-2, Carbaryl
 65-85-0, Benzoic acid, biological studies 73-31-4 77-92-9, biological
 studies 83-34-1, Skatole 87-20-7, Isoamyl salicylate 87-22-9
 89-78-1, Menthol 89-83-8, Thymol 97-53-0, Eugenol 100-51-6, Benzyl
 alcohol, biological studies 108-95-2, Phenol, biological studies
 110-27-0, Isopropyl myristate 111-90-0 112-38-9, Undecylenic acid
 112-80-1, 9-Octadecenoic acid (9Z)-, biological studies 118-58-1, Benzyl
 salicylate 119-36-8, Methyl salicylate 120-51-4, Benzyl benzoate
 120-72-9, Indole, biological studies 122-99-6, Phenoxyethanol 124-43-6
 126-07-8, Griseofulvin 127-17-3, biological studies 142-62-1, Caproic
 acid, biological studies 142-91-6, Isopropyl palmitate **145-13-1**
 , Pregnenolone 512-04-9, Diosgenin 700-06-1, Indole-3-carbinol
 968-93-4, Testolactone 9002-93-1, Triton X-100 54965-24-1, Tamoxifen
 citrate 65277-42-1 69521-94-4, Thymosin .alpha.1 77642-24-1,
 Thymosin .beta.4 86386-73-4, Fluconazole 91161-71-6, Terbinafine
 219315-98-7, PX-13
 RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL
 (Biological study); USES (Uses)
 (thymosin fractions in combination with secondary active agents for
 treatment of alopecia)

=> s canity
 1 CANITY
 9 CANITIES
 L32 10 CANITY
 (CANITY OR CANITIES)

=> d l32 1-10 ti

L32 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2003 ACS
 TI Insect viruses expressing toxin genes from early promoters with increased
 virulence towards insect hostss

L32 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2003 ACS
 TI Fusion proteins of toxins and viral coat proteins for use in the
 development of insect-resistant plants

L32 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2003 ACS
 TI Mode of action of an insecticidal peptide toxin from the venom of a

weaving spider (Diguetia **canities**)

L32 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2003 ACS

TI Insecticidal peptides of Diguetia **canities**, their manufacture with recombinant cells, and their use as insecticides

L32 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2003 ACS

TI Characterization and cloning of insecticidal peptides from the primitive weaving spider Diguetia **canities**

L32 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2003 ACS

TI Insecticidal peptides of Diguetia **canities**, their manufacture with recombinant cells, and their use as insecticides

L32 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2003 ACS

TI Distributed Bragg mirror of angle reflector type

L32 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2003 ACS

TI **Canities** and alopecia associated with avitaminosis in children

L32 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2003 ACS

TI Vitamins of yeast

L32 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2003 ACS

TI Pitmelanin therapy in **canities**. A preliminary report

=> s L32 and L12

L33 0 L32 AND L12

=> d L32 8 abs

L32 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2003 ACS

AB Infants and young children in Costa Rica manifest loss and depigmentation of hair as a result of mixed avitaminoses. These changes are reversible if the child survives the deficiency state and is given an adequate diet. Biotin is thought to be especially effective in accelerating normal growth and pigmentation, but this has not actually been proven.

=> d his

(FILE 'HOME' ENTERED AT 16:05:47 ON 07 JAN 2003)

FILE 'REGISTRY' ENTERED AT 16:05:55 ON 07 JAN 2003

E PREGNENOLONE

E 5-ANDROSTENEDIOL

FILE 'REGISTRY' ENTERED AT 16:34:00 ON 07 JAN 2003

E HYDROXYPREGNENOLONE

L1 33 S E3

E DIHYDROXYANDROST

E DIHYDROXYANDROSTENE

L2 37 S DIHYDROXY AND ANDROSTENE

L3 8 S L2 AND 3,17-DIHYDROXY

L4 2 S 3.BETA.,17.BETA.-DIHYDROXYANDROST-5-ENE

L5 1 S 53-43-0/RN

L6 1 S 521-17-5/RN

L7 1 S 63-05-8/RN

L8 1 S 145-13-1/RN

L9 1 S 387-79-1/RN

L10 1 S 304655-83-2/RN

L11 1 S 28901-70-4/RN

FILE 'CAPLUS' ENTERED AT 16:53:16 ON 07 JAN 2003

L12 14949 S L5 OR L6 OR L7 OR L8 OR L9 OR L10 OR L11
L13 375 S L12 AND SKIN
L14 0 S L13 AND BLEACH
L15 4 S L13 AND DEPIGMENT?
L16 1 S L12 AND MELASMA
L17 9 S CANITIES
L18 0 S L12 AND L17
L19 87 S HAIR(P)GREY
L20 691 S HAIR(P)GRAY
L21 774 S L19 OR L20
L22 0 S L12 AND L21
L23 47747 S HAIR
L24 120 S L12 AND L23
L25 0 S L24 AND GRAY
L26 0 S L24 AND GREY
L27 17 S PROPIGMENT?
L28 0 S L27 AND L12
L29 3 S L24 AND COLOR
L30 13336 S KERATIN
L31 13 S L12 AND L30
L32 10 S CANITY
L33 0 S L32 AND L12

=> file stng

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
69.54	191.49

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-5.86	-5.86

CA SUBSCRIBER PRICE

FILE 'STNGUIDE' ENTERED AT 17:07:11 ON 07 JAN 2003

USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT

COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE

AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Dec 20, 2002 (20021220/UP).